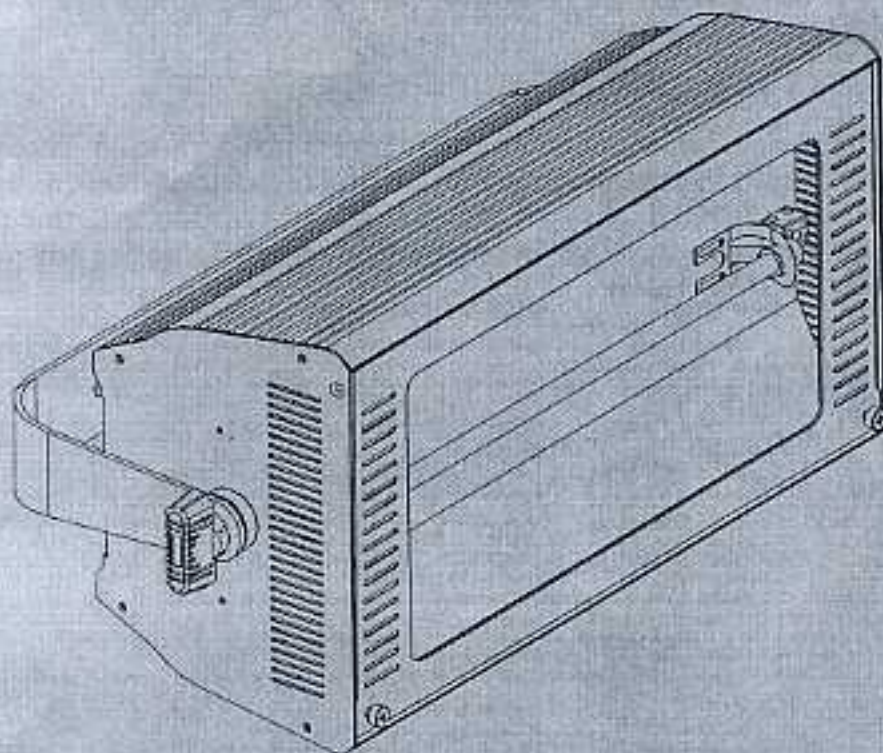




Thunderdrome 3000



Please read this manual carefully before use!

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CE 24-004-1749
Rev1.0

1 INSTRUCTION

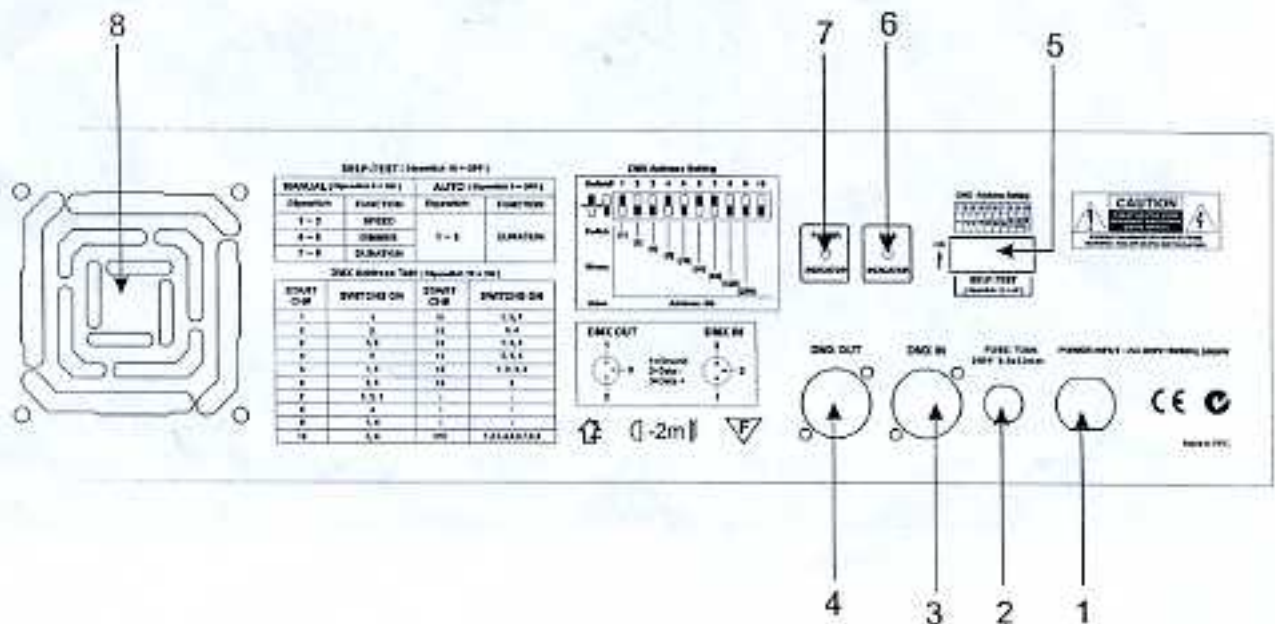
This is a high-powered strobe light product with many professional functions. Flash speed, brightness and flash duration can be adjusted as user's requirement. The printed tables on the case offer helpful information for user. There is two function modes available: DMX-control mode and Self-test mode. To optimize the performance of this product, please read the manual carefully to familiarize yourself with the basic operations of this unit.

Warning!

- This apparatus must be earthed.
- Do not make any inflammable liquids, water or metal objects into or onto the unit.
- Stop using the unit in the event of serious operation.
- Disconnect the main power before re-lamping.
- Do not attempt to dismantle or modify the unit.
- Any strong shocks or vibration may result in malfunction.
- This unit must only be operated by adults, do not allow children to play with it.

-  **When unpacking**, please check the unit is not damaged. If something wrong has happened to this product, contact the local dealer immediately.
-  **All rights reserved.** No part of this manual included with this product can be reproduced or transmitted in any form, by any means for any purpose without authorized permission.

2 Control & Functions



1.Power input:

To input main power via this port.

2.Fuse:

T20A 250V 6.3%32mm.

3.DMX input:

Used to input DMX signals via this connector.

4.DMX output:

Used to send out the input signals to another DMX device.

5.Dip-switches 1-10:

These dip-switches are used to set DMX address or used for Self-test function mode settings. (User can read the operation guide for detailed information)

6.DMX indicator:

To indicate relevant DMX working state. When there is an effective signal input, this indicator begin to flash.

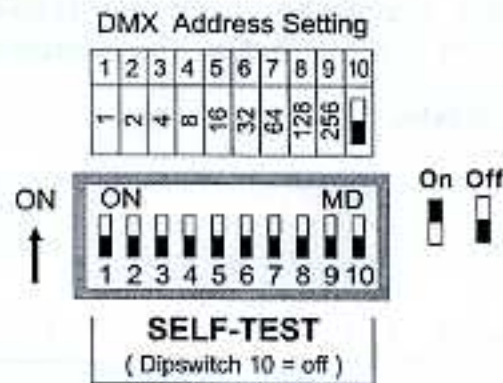
7.Power indicator:

Turn on the power, this indicator will be "on".
Turn off the power, this indicator will be "off".

8.Cooling Fan:

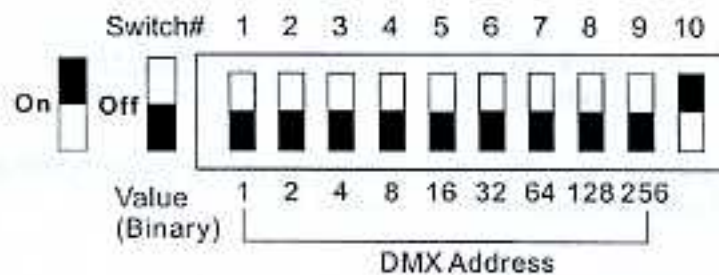
To keep the unit in a better air ventilation, and thus to cool down the lamp.

3 Operation Guide



3.1 DMX-control Mode

In this mode, the **dip-switch 10** is switched **ON**.



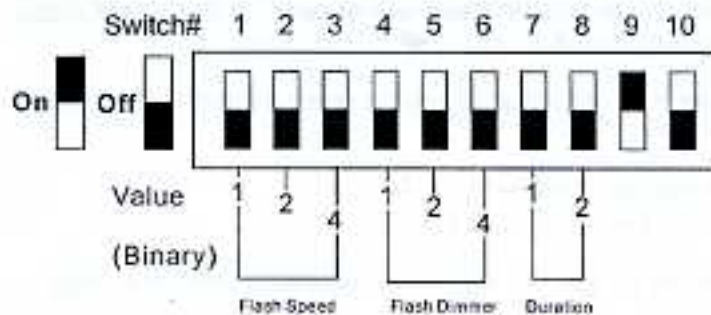
- As the above illustration shows, user can use dip-switches 1-9 to set relevant DMX address. When having finished your setting, add up the values of each "ON" dip-switch the total value just stands for the current DMX address.
- In this DMX-control mode, relevant controls are as bellow:
 - Flash Speed** is controlled by **Channel 1**.
 - Flash Dimmer** is controlled by **Channel 2**.
 - Flash Duration** is controlled by **Channel 3**.
- The DMX indicator will begin to flash when there is an effective signal input.

3.2 Self-test Mode

In the Self-test mode, the **dip-switch 10** is switched **OFF**.

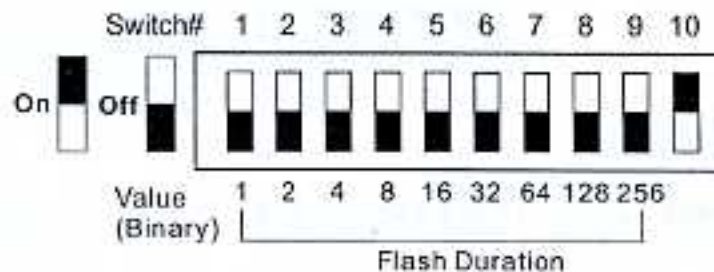
Switch **on** dip-switch 9 for Manual Self-test Mode, switch **off** Dip-switch 9 for Auto Self-test Mode.

3.2.1 Manual Self-test Mode:



- In this Manual Self-test Mode, relevant controls are as below:
Flash Speed is controlled by **Dip-switches 1-3**.
Flash Dimmer is controlled by **Dip-switches 4-6**.
Flash Duration is controlled by **Dip-switches 7-8**.
- User can read the printed tables on the rear case of the unit for detailed operation guide information.

3.2.2 Auto Self-test Mode:



As the above illustration shows, in the Auto Self-test mode, Dip-switches 1-8 are used to set the desired level of Flash Duration.

When having finished your setting, add up the values of each "ON" dip-switch, the total value just stands for the current Flash Duration level.

4 Technical Specifications

Power Input.....	AC 230V ~ 50 / 60 Hz, 3000W max
Fuse.....	T20A 250V 6.3x3.2mm
Flash Type.....	BT-1500
Dimensions.....	535x280x170mm
Weight.....	Approx. 8.2kg

Note:

Overheat Protection

1. If the Flash Duration exceeds 4 seconds, the flash tube can be protected automatically by the internal protective system, so that the tube may be damaged by high temperature. After the tube cools down, the Flash Dimmer can then work well within at least 12 seconds.
2. When the tube is too hot, the temperature -protection switch will cut off relative power automatically, thus the internal components inside the unit can be well protected.